

## EAST Search History

## EAST Search History (Prior Art)

| Ref # | Hits | Search Query  | DBs   | Default Operator | Plurals | Time Stamp          |
|-------|------|---|---|------------------|---------|---------------------|
| L1    | 1    | ((mono or monophonic or monaural or voice or telephone or phone) with (stereo or stereophonic or "am/fm")).ab. and codec and (mux or multiplexer) and ((headset or headphone\$ or speaker or output) with (plug or "i/o" or jack or (input near2 output)) with ((right with left) or audio adj3 (path or channel)) with (power or disabl\$3)) | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2009/10/13<br>10:21 |
| L2    | 0    | ((mono or monophonic or monaural or voice or telephone or phone) with (stereo or stereophonic or "am/fm")).ab. and codec and (mux or multiplexer) and ((headset or headphone\$ or speaker or output) with (plug or "i/o" or jack or (input near2 output)) with ((right with left) or audio adj3   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2009/10/13<br>10:21 |

|    |   |  |   |    |    |                     |
|----|---|--|---|----|----|---------------------|
|    |   | (path or channel))<br>with (power or<br>disabl\$3))).clm.  |   |    |    |                     |
| L4 | 1 | ((((mono or<br>monophonic or<br>monaural or voice<br>or telephone or<br>phone) with<br>(stereo or<br>stereophonic or<br>"am/fm")).ab.<br>and codec and<br>(mux or<br>multiplexer) and<br>((headset or<br>headphone\$ or<br>speaker or<br>output) with (plug<br>or "i/o" or jack or<br>(input near2<br>output)) with<br>((right with left)<br>or (path or<br>channel)) with<br>(power or disabl<br>\$3)))                                 | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/10/13<br>10:22 |
| L5 | 0 | ((((mono or<br>monophonic or<br>monaural or voice<br>or telephone or<br>phone) with<br>(stereo or<br>stereophonic or<br>"am/fm")).ab.<br>and (vocoder or<br>codec or decoder)<br>and (mux or<br>multiplexer) and<br>((headset or<br>headphone\$ or<br>speaker or<br>output) with (plug<br>or "i/o" or jack or<br>(input near2<br>output)) with<br>((right with left)<br>or (path or<br>channel)) with<br>(power or disabl<br>\$3))).clm. | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/10/13<br>10:22 |

|    |   |  |   |    |    |                     |
|----|---|--|---|----|----|---------------------|
| L7 | 2 | ((mono or monophonic or monaural or voice or telephone or phone) with (stereo or stereophonic or "am/fm")).ab. and (vocoder or codec or decoder) and (mux or multiplexer) and ((headset or headphone\$ or speaker or output) with (plug or "i/o" or jack or (input near2 output)) with ((right with left) or (path or channel)) with (power or disabl \$3)))   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/10/13<br>10:22 |
| L8 | 1 | ((mono or monophonic or monaural or voice or telephone or phone) with (stereo or stereophonic or "am/fm")) and ((coder near2 decoder) or codec) and ((voice same coder same decoder) or vocoder) and decoder and (mux or multiplexer) and ((headset or headphone\$ or speaker or output) and (plug or "i/o" or jack or (input near2 output)) and ((right with left) or audio adj3 (path or channel)) | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/10/13<br>10:25 |

|     |    |   |   |    |    |                     |
|-----|----|---|---|----|----|---------------------|
|     |    | and (power or disabl\$3))).clm.   |   |    |    |                     |
| L9  | 10 | ((mono or monophonic or monaural or voice or telephone or phone) with (stereo or stereophonic or "am/fm")) and ((coder near2 decoder) or codec) and ((voice same coder same decoder) or vocoder) and decoder and (mux or multiplexer) and ((headset or headphone\$ or speaker or output) and (plug or "i/o" or jack or (input near2 output)) and ((right with left) or audio adj3 (path or channel)) and (power or disabl\$3))) | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/10/13<br>10:27 |
| L10 | 3  | (process\$3 with audio adj signal) and ((coder near2 decoder) or codec) and (type with signal) and ((voice same coder same decoder) or vocoder) and (mux or multiplexer) and (headset or headphone\$ or speaker or output) and (plug or "i/o" or jack or (input near2 output)) and (((right with left)  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/10/13<br>10:30 |

|     |   |  |   |    |    |                     |
|-----|---|--|---|----|----|---------------------|
|     |   | or audio adj3<br>(path or channel))<br>with (power or<br>disabl\$3))   |   |    |    |                     |
| L11 | 0 | ((process\$3 with<br>audio adj signal)<br>and ((coder near2<br>decoder) or<br>codec) and (type<br>with signal) and<br>((voice same<br>coder same<br>decoder) or<br>vocoder) and<br>(mux or<br>multiplexer) and<br>(headset or<br>headphone\$ or<br>speaker or<br>output) and (plug<br>or "i/o" or jack or<br>(input near2<br>output)) and<br>(((right with left)<br>or audio adj3<br>(path or channel))<br>with (power or<br>disabl\$3))).clm. | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/10/13<br>10:35 |

## EAST Search History (Interference)

| Ref # | Hits | Search Query  | DBs            | Default Operator | Plurals | Time Stamp          |
|-------|------|---|----------------|------------------|---------|---------------------|
| L3    | 0    | ((mono or<br>monophonic or<br>monaural or voice<br>or telephone or<br>phone) with<br>(stereo or<br>stereophonic or<br>"am/fm")).ab. and<br>codec and (mux or<br>multiplexer) and<br>((headset or<br>headphone\$ or<br>speaker or output)<br>with (plug or "i/o"<br>or jack or (input<br>near2 output)) with<br>(((right with left) or | USPAT;<br>UPAD | OR               | ON      | 2009/10/13<br>10:21 |

|     |   |  |                |    |    |                     |
|-----|---|--|----------------|----|----|---------------------|
|     |   | audio adj3 (path or channel)) with (power or disabl\$3)).clm.  |                |    |    |                     |
| L6  | 0 | ((mono or monophonic or monaural or voice or telephone or phone) with (stereo or stereophonic or "am/fm")).ab. and (vocoder or codec or decoder) and (mux or multiplexer) and ((headset or headphone\$ or speaker or output) with (plug or "i/o" or jack or (input near2 output)) with ((right with left) or (path or channel)) with (power or disabl\$3)).clm.          | USPAT;<br>UPAD | OR | ON | 2009/10/13<br>10:22 |
| L12 | 0 | ((process\$3 with audio adj signal) and ((coder near2 decoder) or codec) and (type with signal) and ((voice same coder same decoder) or vocoder) and (mux or multiplexer) and (headset or headphone\$ or speaker or output) and (plug or "i/o" or jack or (input near2 output)) and (((right with left) or audio adj3 (path or channel)) with (power or disabl\$3)).clm. | USPAT;<br>UPAD | OR | ON | 2009/10/13<br>10:35 |

10/13/09 10:35:30 AM

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